

Converting Colors

YIQ(44.8740, 28.0990, 35.9310)

Have a look what the booklet for
YIQ(44.8740, 28.0990, 35.9310)
contains.

YIQ(44.8740, 28.0990, 35.9310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(44.8740, 28.0990,
35.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	5E0E4B
RGB	94, 14, 75
RGB Percent	37%, 5%, 29%
CMY	0.6311, 0.9452, 0.7058
CMYK	0.00, 0.85, 0.20, 0.63
HSL	314°, 74%, 21%
HSV	314°, 85%, 37%
XYZ	6.0492, 3.2042, 6.9592
YIQ	44.8740, 28.0990, 35.9310

Conversions

Conversions Part 2

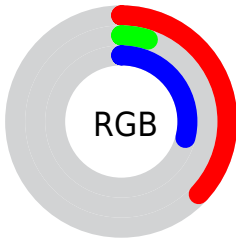
Format	Color
RYB	94, 14, 75
Decimal	6164043
CIELab	20.84, 40.82, -16.44
CIElCh	21, 44.007, 338.062
Yxy	3.2042, 0.3731, 0.1976
Android (android.graphics.Color)	4284354123 (0xFF5E0E4B)
YUV	44.8740, 14.8521, 43.0835
Hunter-Lab	17.9002, 28.9973, -10.5205




Details

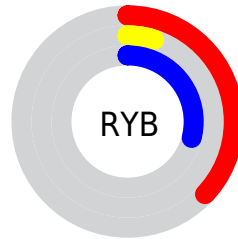
The YIQ color **44.8740, 28.0990, 35.9310** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **63.1260, -28.0990, -35.9310**, and the grayscale version is **45.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **98.0050, 29.1080, 34.1640**, and **17.5870, 18.0610, 19.6050** is the 20% darker color. If you saturate the color by 10%, you get **39.3630, 31.2160, 40.0160**, and if you desaturate by 10%, it is **50.3850, 24.9820, 31.8460**.

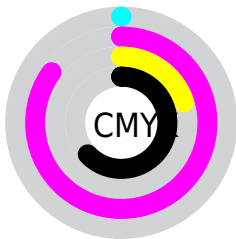
Distribution







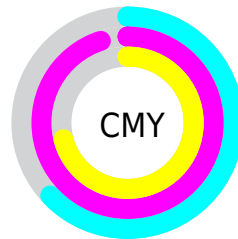
-  Red (37%)
-  Green (5%)
-  Blue (29%)






-  Red (37%)
-  Yellow (5%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (85%)
-  Yellow (20%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (95%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.8740, 28.0990, 35.9310 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 44.8740, 28.0990, 35.9310 by changing the saturation by 10% instead.

■ 44.8740, 28.0990,
35.9310

■ 44.8740, 28.0990,
35.9310

■ 255.0000, -0.0000,
-0.0000

■ 26.5590, 24.4320,
30.8000

■ 98.0050, 29.1080,
34.1640

■ 17.5870, 18.0610,
19.6050

■ 124.0160, 30.5750,
35.1110

■ 1.1250, 1.1460,
1.2580

■ 150.7280, 31.4460,
35.8460


■ 0.0000, 0.0000,
0.0000


■ 178.3260, 32.6380,
36.2700


■ 204.2440, 29.9330,
35.7330


■ 223.3020, 14.8500,


28.2420


 239.7380, 7.1500,
13.5980


 44.8740, 28.0990,
35.9310


 44.8740, 28.0990,
35.9310


 39.3630, 31.2160,
40.0160


 50.3850, 24.9820,
31.8460

 36.3140, 32.9120,
42.3200

 56.4830, 21.5900,
27.2380

 62.1080, 18.1520,
23.4640

 68.2060, 14.7600,
18.8560

 73.7170, 11.6430,
14.7710

■ 79.2280, 8.5260,
10.6860

■ 85.4400, 4.8130,
6.3890

■ 90.9510, 1.6960,
2.3040

■ 97.0490, -1.6960,
-2.3040

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.2870, -7.1570, 25.0910



44.8740, 28.0990, 35.9310



36.2970, 48.7770, 35.6330

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.8740, 28.0990, 35.9310



46.9690, 18.4800, -15.5360



47.2410, -46.2150, -4.9590

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.8740, 28.0990, 35.9310



63.1260, -28.0990, -35.9310

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.1800, -36.2180, -15.4340



44.8740, 28.0990, 35.9310



40.3140, -4.9010, -26.8290

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.8740, 28.0990, 35.9310



47.4110, 38.1470, -3.0130



39.1300, -24.7540, -24.9620



47.8740, -52.1310, 3.1410

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.8740, 28.0990, 35.9310



40.3490, 51.0260, 22.4020



39.1300, -24.7540, -24.9620



46.6880, -43.2800, -8.5920

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.8740, 28.0990, 35.9310



103.0050, 10.7720, 14.0360



28.8010, -14.3560, 28.9080



49.3910, 6.5090, 8.6930



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.8740, 28.0990, 35.9310



47.0800, 42.8590, 54.7870



40.3140, 40.9390, 23.4910



42.9510, 1.6960, 2.3040



42.4660, 38.5960, 49.4440



91.4970, 83.1510, 106.5350

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.8740, 28.0990, 35.9310



47.0800, 42.8590, 54.7870



67.6860, -40.9390, -23.4910



42.9510, 1.6960, 2.3040



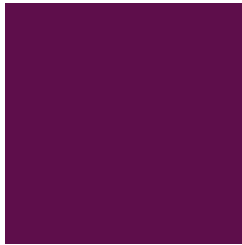
42.4660, 38.5960, 49.4440



91.4970, 83.1510, 106.5350

Previews

White Background



This preview shows how the YIQ color 44.8740, 28.0990, 35.9310 looks on a white background.

Color Contrast Check

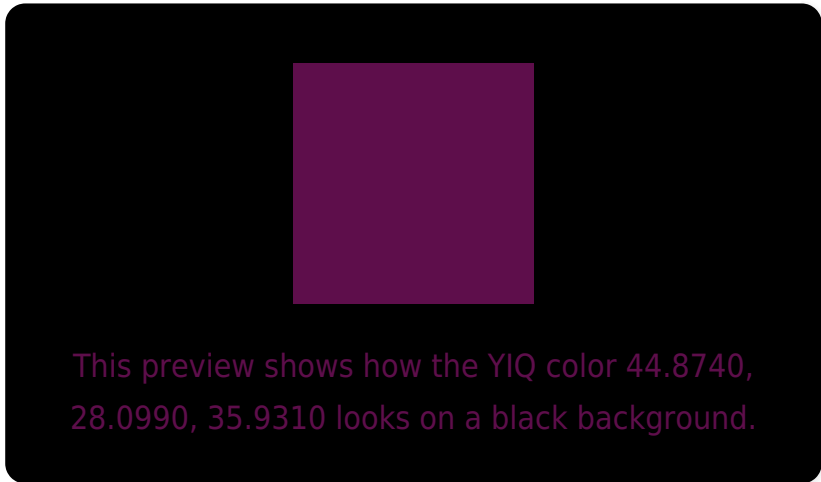
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

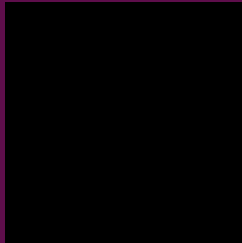
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 44.8740, 28.0990, 35.9310

Background



This preview shows how black text looks on a background with the YIQ color 44.8740, 28.0990, 35.9310.



This preview shows how white text looks on a background with the YIQ color 44.8740, 28.0990,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.8740, 28.0990, 35.9310

Protanopia

47.3600, -35.7640, 9.3880

Deuteranopia

52.6710, -9.0790, 4.8490



Tritanopia

49.7550, 34.8430, 12.8190

Trichromacy



Original Color

44.8740, 28.0990, 35.9310

Protanomaly

46.6620, -12.8870, 18.8010

Deuteranomaly

49.6500, 4.5820, 16.0860

Tritanomaly

47.6550, 32.5490, 21.3570

Monochromacy



Original Color

44.8740, 28.0990, 35.9310

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

45.1790, 10.2220, 12.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.8740, 28.0990, 35.9310 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(94, 14, 75)` looks like.

```
.text, #text, p{  
    color:rgb(94, 14, 75)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(94, 14, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 14, 75) }
```

Border

The CSS property to change the border of an element to YIQ 44.8740, 28.0990, 35.9310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 14, 75) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(94, 14, 75) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(94, 14, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 14, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 14, 75);  
box-shadow:4px 4px 4px 4px rgb(94, 14, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.8740, 28.0990, 35.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 14, 75) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(94, 14,  
75) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor